

01/16/02
JC658 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	Rubin 201-KGB
First Inventor	Dr. Berish RUBIN et al
Title	See Appendix
Express Mail Label No.	EV 015940835 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 18]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

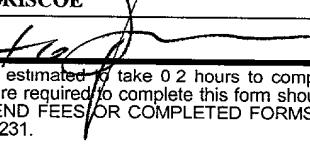
 Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ / _____

Prior application information: Examiner _____ Group / Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS
 Customer Number or Bar Code Label 
 or Correspondence address below
(Insert Customer Number or print bar code label here)

Name	27384		
PATENT TRADEMARK OFFICE			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) **KURT G. BRISCOE**Registration No. (Attorney/Agent) **33,141**Signature Date **1-16-2002**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

JC997 U.S. PRO
10/05/0189

01/16/02

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$510.00

Complete if Known

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Dr. Berish RUBIN et al
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket No.	101438-2 / Rubin 201-KGB

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **14-1263**Deposit Account Name **Norris McLaughlin & Marcus** Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17 Applicant claims small entity status. See 37 CFR § 1.27

2. Payment Enclosed:

 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201 370 Utility filing fee	370.00
106	330	206 165 Design filing fee	
107	510	207 255 Plant filing fee	
108	740	208 370 Reissue filing fee	
114	160	214 80 Provisional filing fee	
SUBTOTAL (1)			\$370.00

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	8 -20** =	0 X 18.00 =	0.00
Independent Claims	1 - 3** =	0 X 84.00 =	0.00
Multiple Dependent		140.00 =	140.00

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	84	202 42 Independent claims in excess of 3
104	280	204 140 Multiple dependent claim, if not paid
109	84	209 42 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		\$140.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non - English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
128	1,960	228 980 Extension for reply within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,280	241 640 Petition to revive - unintentional	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR § 1.17(q)	
126	180	126 180 Submission of Information Disclosure Statement	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

FEE CALCULATION (continued)

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
115	110	215 55 Extension for reply within first month	
116	400	216 200 Extension for reply within second month	
117	920	217 460 Extension for reply within third month	
118	1,440	218 720 Extension for reply within fourth month	
128	1,960	228 980 Extension for reply within fifth month	
119	320	219 160 Notice of Appeal	
120	320	220 160 Filing a brief in support of an appeal	
121	280	221 140 Request for oral hearing	
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141	1,280	241 640 Petition to revive - unintentional	
142	1,280	242 640 Utility issue fee (or reissue)	
143	460	243 230 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR § 1.17(q)	
126	180	126 180 Submission of Information Disclosure Statement	
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149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	

SUBTOTAL (3) _____

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Kurt G. Briscoe	Registration No. (Attorney/Agent)	33,141	Telephone	(212) 808-0700
Signature			Date	1-16-2002	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

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APPENDIX

TITLE: DETECTION OF MUTATIONS IN A GENE ENCODING I_KB KINASE-COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL DYSAUTONOMIA

LIST OF INVENTORS: DR. BERISH Y. RUBIN and DR. SYLVIA L. ANDERSON

CLAIM TO PRIORITY:

Priority is hereby claimed under 35 USC 120 on the basis of US Provisional Application Serial No. 60/262,284, filed on January 17, 2001.

"Express Mail" Mailing Label No. EV 015940835 US

Date of Deposit: January 16, 2002

I hereby certify that the items listed on the attached Utility Patent Application Transmittal are being deposited with the United States Postal Service "Express Mail Post Office Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Hon. Commissioner for Patents, Washington, D.C. 20231.

NORRIS, McLAUGHLIN & MARCUS

By: Jennifer Arch

Rubin 201-KGB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : DR. BERISH RUBIN ET AL.

SERIAL NO. : TO BE ASSIGNED

FILED : HEREWITH

FOR : DETECTION OF MUTATIONS IN A GENE ENCODING IkB KINASE-COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL DYSAUTONOMIA

ART UNIT : TO BE ASSIGNED

EXAMINER : TO BE ASSIGNED

January 16, 2002

Hon. Commissioner of Patents
Washington, D.C. 20231

STATEMENT REGARDING THE SEQUENCE LISTING

SIR:

Attached is a computer diskette containing a computer readable form of the paper Sequence Listing embedded in the specification. The undersigned hereby certifies that the paper Sequence Listing does not introduce new matter, and that the content of the paper Sequence Listing and the computer readable form copy is the same and includes no new matter.

Early and favorable action is earnestly solicited.

Respectfully submitted,

NORRIS MC LAUGHLIN & MARCUS, P.A.

By

Kurt G. Briscoe
Reg. No. 33,141

220 East 42nd Street - 30th Floor
New York, New York 10017
Phone: (212) 808-0700

Rubin 201-KGB

APPLICANT: DR. BERISH RUBIN et al

TITLE: DETECTION OF MUTATIONS IN A GENE ENCODING IkB KINASE-COMPLEX-ASSOCIATED PROTEIN TO DIAGNOSE FAMILIAL DYSAUTONOMIA

PROVISIONAL APPLICATION NO.: 60/262,284

EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number EV 015940835 US

Date of Deposit January 16, 2002

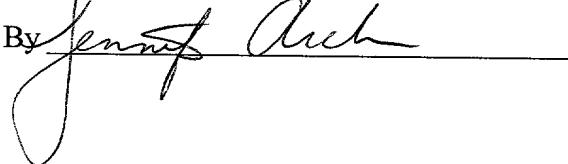
I hereby certify that the following items:

1. Utility Patent Application Transmittal Form
2. Appendix
3. Fee Transmittal in duplicate - **SMALL ENTITY - CHARGE DEPOSIT ACCOUNT**
4. Specification consisting of Description (pages 1- 13); References Cited (pages 14-15); 8 Claims (pages 16-17); Abstract (page 18); 6 pages of Drawings (Pages 19-24); and Sequence Listing (4 Pages)
5. Combination Declaration & Power of Attorney
6. Information Disclosure Statement with Form PTO 1449 and two references
7. Return Receipt Postcard
8. Statement Regarding Sequence Listing
9. Diskette Containing Sequence Listing

are being deposited with the United States Postal Services "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the:
Hon. Commissioner for Patents, Washington, D.C. 20231, Box Patent Application.

NORRIS, McLAUGHLIN & MARCUS, P.A.

By


Jennifer Arch